

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : DENSO CORP

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(54) ARTICLE DETECTING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To detect the position of a specific baggage from among many pieces of baggage loaded on a truck.

SOLUTION: An ID tag in which identification information, a destination, etc., are written is fitted to the baggage to be loaded to a truck 3. Many antenna setting parts 26 with transmitting and receiving antennas mounted thereto are arranged to an intermittently moving gate 25 in order to search for the specific baggage after the baggage are loaded to the truck 3. The transmitting and receiving antennas of the antenna setting parts are sequentially effectuated to communicate with the ID tag, whereby an identification number is read out. When the read identification number is equal to an identification number of the specific baggage, the position of the specific baggage is detected from a position of the transmitting and receiving antennas communicating at the time.

